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LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR (LDMAR)

May 3, 2005

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HEADING: 0. 0...

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HEADING: 1. 0... PRE-REMEDIAL ACTIVITIES

SUB-HEAD: 1. 2... Vol. 1 - Background

1. 2... Vol. 1 -	DOC ID: 1200975	IMAGED
DATE: 10/31/1995	PAGES: 23	
AUTHOR(S): Jeffrey Rodin/EPA	ADDRESSEE(S): Randall F. Smith/EPA	

DESCRIPTION: Request for a Removal Action at Malarkey Asphalt.

This document is incorporated in the Lower Duwamish Waterway Site File by reference - see Section 1.9.1 of the Malarkey Asphalt Site File for a hard copy.

1. 2... Vol. 1 -	DOC ID: 1200969	IMAGED
DATE: 2/28/2000	PAGES: 354	
AUTHOR(S): Onsite Enterprises, Inc.	ADDRESSEE(S): Port of Seattle	

DESCRIPTION: PCB/Removal Containment Action: South Park Site (Formerly Marlarkey Asphalt -Completion Report).

This document is included in the Lower Duwamish Waterway Site File by reference only - see Section 1.9.8 of the Malarkey Asphalt Site File for a hard copy.

HEADING: 2. 0... REMEDIAL INVESTIGATION/FEASIBILITY STUDY

SUB-HEAD: 2. 7... Vol. 1 - Remedial Investigation/Feasibility Study

2. 7... Vol. 1 - DOC ID: 1151060 IMAGED
DATE: 7/12/2002 PAGES: 309
AUTHOR(S): ADDRESSEE(S):
Windward Environmental, LLC. EPA
Washington State Dept. of Ecology

DESCRIPTION: Draft Phase 1 Remedial Investigation Report.

2. 7... Vol. 1 - DOC ID: 1151061 IMAGED
DATE: 7/12/2002 PAGES: 451
AUTHOR(S): ADDRESSEE(S):
Windward Environmental, LLC. Washington State Dept. of Ecology
EPA

DESCRIPTION: Appendix A - Draft Phase 1 Ecological Risk Assessment.

2. 7... Vol. 1 - DOC ID: 1151062 IMAGED
DATE: 7/12/2002 PAGES: 240
AUTHOR(S): ADDRESSEE(S):
Windward Environmental, LLC. Washington State Dept. of Ecology
EPA

DESCRIPTION: Appendix B - Draft Phase 1 Human Health Risk Assessment.

2. 7... Vol. 1 - DOC ID: 1151063 IMAGED
DATE: 7/12/2002 PAGES: 110
AUTHOR(S): ADDRESSEE(S):
Windward Environmental, LLC. Washington State Dept. of Ecology
EPA

DESCRIPTION: Draft Phase 1 Remedial Investigation Report Oversize Maps and Accompanying Tables.

2. 7... Vol. 1 - DOC ID: 1151064 IMAGED
DATE: 7/12/2002 PAGES: 30
AUTHOR(S): ADDRESSEE(S):
Windward Environmental, LLC. EPA

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

Windward Environmental, LLC.

Washington State Dept. of Ecology

DESCRIPTION: Appendix A - Draft Phase 1 Scoping-Phase Ecological Risk Assessment: Attachment A-1
Oversize Maps.

SUB-HEAD: 2. 8... Vol. 1 - Other RI/FS Technical Reports

2. 8... Vol. 1 - DOC ID: 1151890 IMAGED
DATE: 2/1/1999 PAGES: 167
AUTHOR(S): ADDRESSEE(S):
King County Dept. of Natural Resources Unknown

DESCRIPTION: King County Combined Sewer Overflow Water Quality Assessment for the Duwamish River and Elliott Bay, Volume 1 Overview and Interpretation Report.

2. 8... Vol. 1 - DOC ID: 1151891 IMAGED
DATE: 2/1/1999 PAGES: 244
AUTHOR(S): ADDRESSEE(S):
King County Dept. of Natural Resources Unknown

DESCRIPTION: King County Combined Sewer Overflow Water Quality Assessment for the Duwamish River and Elliott Bay, Appendix A: Problem Formulation, Analysis Plan, and Field Sampling Workplan.

2. 8... Vol. 1 - DOC ID: 1151892 IMAGED
DATE: 2/1/1999 PAGES: 372
AUTHOR(S): ADDRESSEE(S):
King County Dept. of Natural Resources Unknown

DESCRIPTION: King County Combined Sewer Overflow Water Quality Assessment for the Duwamish River and Elliott Bay, Appendix B1: Hydrodynamic and Fate and Transport Numerical Model.

2. 8... Vol. 1 - DOC ID: 1151893 IMAGED
DATE: 2/1/1999 PAGES: 607
AUTHOR(S): ADDRESSEE(S):
King County Dept. of Natural Resources Unknown

DESCRIPTION: King County Combined Sewer Overflow Water Quality Assessment for the Duwamish River and Elliott Bay, Appendix B2, B3 & B4: Human Health, Wildlife, and Aquatic Life Risk Assessments.

2. 8... Vol. 1 - DOC ID: 1151894 IMAGED
DATE: 2/1/1999 PAGES: 134
AUTHOR(S): ADDRESSEE(S):
King County Dept. of Natural Resources Unknown

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

DESCRIPTION:

King County Combined Sewer Overflow Water Quality Assessment for the Duwamish River and Elliott Bay, Appendix C: Issue Papers.

2. 8... Vol. 1 -

DOC ID: 1151895 IMAGED

DATE: 8/1/1999

PAGES: 12

AUTHOR(S):

King County Dept. of Natural Resources

ADDRESSEE(S):

Unknown

DESCRIPTION:

King County Combined Sewer Overflow Water Quality Assessment for the Duwamish River and Elliott Bay Summary.

HEADING: 4. 0... INTERIM REMEDIAL/REMOVAL ACTIONS

SUB-HEAD: 4. 1... Vol. 1 - Identification of Early Action Sites

SUB-HEAD: 4. 1. 1.. Vol. 1 - Correspondence

4. 1. 1.. Vol. 1 - 1123559 DOC ID: 1123559 IMAGED
DATE: 6/30/2001 PAGES: 3
AUTHOR(S): ADDRESSEE(S):
Duwamish Community Advisory Group EPA

DESCRIPTION: Comments on Task 3: Study Design for Scoping-Phase Risk Assessments - Technical Memorandum, Risk-Based Sediment Site Prioritization Methodology.

4. 1. 1.. Vol. 1 - DOC ID: 1146871 IMAGED
DATE: 7/23/2001 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Glen St. Amant/Muckleshoot Indian Tribe Allison Hiltner/EPA

DESCRIPTION: Letter regarding comments on the draft version of the Task 3: Study Design for Scoping-Phase Risk Assessments - Technical Memorandum, Risk-Based Sediment Site Prioritization Methodology.

4. 1. 1.. Vol. 1 - 1123562 DOC ID: 1123562 IMAGED
DATE: 7/26/2001 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
David C. Powell/NOAA Allison Hiltner/EPA

DESCRIPTION: Letter regarding comments on the draft version of the Task 3: Study Design for Scoping-Phase Risk Assessments - Technical Memorandum, Risk-Based Sediment Site Prioritization Methodology.

4. 1. 1.. Vol. 1 - 1123563 DOC ID: 1123563 IMAGED
DATE: 8/1/2001 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Allison Hiltner/EPA D. Michael Johns/Windward Environmental, LLC.

DESCRIPTION: Letter transmitting comment letters on Risk-Based Sediment Site Prioritization Methodology, Lower Duwamish Waterway Site, Seattle, Washington (less attachments).

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

4. 1. 1.. Vol. 1 - 1123564 DOC ID: 1123564 IMAGED
DATE: 8/1/2001 PAGES: 4
AUTHOR(S): Allison Hiltner/EPA ADDRESSEE(S): D. Michael Johns/Windward Environmental, LLC.

DESCRIPTION: Letter transmitting EPA and Ecology Comments on Risk-Based Sediment Site Prioritization Methodology, Lower Duwamish Waterway site, Seattle, Washington.

4. 1. 1.. Vol. 1 - DOC ID: 1146874 IMAGED
DATE: 11/7/2001 PAGES: 7
AUTHOR(S): D. Michael Johns/Windward Environmental, LLC. ADDRESSEE(S): Allison Hiltner/EPA

DESCRIPTION: Memo: Response to comments for the Site Prioritization Methods Technical Memorandum.

4. 1. 1.. Vol. 1 - DOC ID: 1146875 IMAGED
DATE: 11/28/2001 PAGES: 2
AUTHOR(S): Glen St. Amant/Muckleshoot Indian Tribe ADDRESSEE(S): Allison Hiltner/EPA

DESCRIPTION: Comments on the Response to Comments for the Lower Duwamish Waterway Group Task 3: Study Design for Scoping-Phase Risk Assessments - Technical Memorandum: Risk-Based Sediment Site Prioritization Methodology (6/26/01).

4. 1. 1.. Vol. 1 - DOC ID: 1146876 IMAGED
DATE: 11/28/2001 PAGES: 4
AUTHOR(S): B. J. Cummings/Duwamish River Cleanup Coalition ADDRESSEE(S): Allison Hiltner/EPA

DESCRIPTION: Comments regarding the Lower Duwamish Waterway Group's Draft Task 5: Identification of Candidate Sites for Early Actions - Technical Memorandum: Description of Candidate Site Selection Criteria.

4. 1. 1.. Vol. 1 - DOC ID: 1146877 IMAGED
DATE: 11/29/2001 PAGES: 1
AUTHOR(S): Alison O'Sullivan/Suquamish Tribal Fisheries Dept. ADDRESSEE(S): EPA

DESCRIPTION: Comments on the Task 5: Identification of Candidate Sites for Early Actions - Technical Memorandum: Description of Candidate Site Selection Criteria.

4. 1. 1.. Vol. 1 - DOC ID: 1146879 IMAGED
DATE: 12/7/2001 PAGES: 5
AUTHOR(S): Allison Hiltner/EPA ADDRESSEE(S): D. Michael Johns/Windward Environmental, LLC.

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

DESCRIPTION:

Letter transmitting EPA and Ecology comments on the Task 5: Identification of Candidate Sites for Early Actions - Technical Memorandum, and Response to Comments for the Site Prioritization Methods Technical Memorandum.

4. 1. 1.. Vol. 1 -

DATE: 12/7/2001

DOC ID: 1146892 IMAGED

PAGES: 1

AUTHOR(S):

Allison Hiltner/EPA

ADDRESSEE(S):

D. Michael Johns/Windward Environmental, LLC.

DESCRIPTION:

Correspondence transmitting comment letters from the Suquamish and Muckleshoot Tribes on the Task 5: Identification of Candidate Sites for Early Actions - Technical Memorandum, and Response to Comments for the Site Prioritization Methods Technical Memo.

Less attachments

4. 1. 1.. Vol. 1 -

DATE: 5/8/2002

DOC ID: 1146880 IMAGED

PAGES: 2

AUTHOR(S):

Scott Shotwell/Windward Environmental, LLC.

ADDRESSEE(S):

Rick Huey/Washington State Dept. of Ecology

Tad Deshler/Windward Environmental, LLC.

Allison Hiltner/EPA

Scott Shotwell/Windward Environmental, LLC.

DESCRIPTION:

Memorandum transmitting a map list for a 5/8/02 meeting.

4. 1. 1.. Vol. 1 -

DATE: 6/24/2002

DOC ID: 1146869 IMAGED

PAGES: 2

AUTHOR(S):

Allison Hiltner/EPA

ADDRESSEE(S):

D. Michael Johns/Windward Environmental, LLC.

DESCRIPTION:

Letter regarding the approval of Task 5: Identification of Candidate Sites for Early Actions - Technical Memorandum, Lower Duwamish Waterway Site.

4. 1. 1.. Vol. 1 -

DATE: 7/31/2002

DOC ID: 1151308 IMAGED

PAGES: 1

AUTHOR(S):

D. Michael Johns/Windward Environmental, LLC.

ADDRESSEE(S):

Rick Huey/Washington State Dept. of Ecology

Allison Hiltner/EPA

DESCRIPTION:

Letter transmitting the draft technical memorandum for Task 5 of the Lower Duwamish Waterway Phase 1 Remedial Investigation, titled: Data Analysis and Candidate Site Identification (less attachment).

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

4. 1. 1.. Vol. 1 - DOC ID: 1151331 IMAGED
DATE: 8/22/2002 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Misty Edmundson/Johannessen and Associates Allison Hiltner/EPA

DESCRIPTION: Comments on the Lower Duwamish Waterway Group's Task 5: Identification of Candidate Sites for Early Remedial Action.

4. 1. 1.. Vol. 1 - DOC ID: 1151332 IMAGED
DATE: 8/23/2002 PAGES: 9
AUTHOR(S): ADDRESSEE(S):
B. J. Cummings/Duwamish River Cleanup Coalition Allison Hiltner/EPA

DESCRIPTION: Comments on the Lower Duwamish Waterway Group's Task 5: Identification of Candidate Sites for Early Remedial Action.

4. 1. 1.. Vol. 1 - DOC ID: 1151333 IMAGED
DATE: 8/23/2002 PAGES: 3
AUTHOR(S): ADDRESSEE(S):
Glen St. Amant/Muckleshoot Indian Tribe Allison Hiltner/EPA

DESCRIPTION: Comments on the draft Task 5: Identification of Candidate Sites for Early Remedial Action Technical Memorandum: Data Analysis and Candidate Site Identification.

4. 1. 1.. Vol. 1 - DOC ID: 1151334 IMAGED
DATE: 8/26/2002 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
David C. Powell/NOAA Allison Hiltner/EPA

DESCRIPTION: Comments on the Lower Duwamish Waterway Group's Technical Memorandum: Data Analysis and Candidate Site Identification.

4. 1. 1.. Vol. 1 - DOC ID: 1151335 IMAGED
DATE: 9/4/2002 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Alison O'Sullivan/Suquamish Tribal Fisheries Dept. Allison Hiltner/EPA

DESCRIPTION: Comments on the Task 5: Identification of Candidate Sites for Early Remedial Action Technical Memorandum: Data Analysis and Candidate Site Identification.

4. 1. 1.. Vol. 1 - DOC ID: 1151310 IMAGED
DATE: 10/15/2002 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Allison Hiltner/EPA D. Michael Johns/Windward Environmental, LLC.

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

DESCRIPTION:

Letter transmitting comment letters on the 7/31/02 Identification of Candidate Sites for Early Remedial Action, Lower Duwamish Waterway site (less attachments).

4. 1. 1.. Vol. 1 -

DATE: 10/15/2002

DOC ID: 1151311 IMAGED

PAGES: 12

AUTHOR(S):

Allison Hiltner/EPA

ADDRESSEE(S):

D. Michael Johns/Windward Environmental, LLC.

DESCRIPTION:

Letter transmitting EPA and Ecology comments on the Identification of Candidate Sites for Early Remedial Action.

4. 1. 1.. Vol. 1 -

DATE: 1/30/2003

DOC ID: 1151896 IMAGED

PAGES: 8

AUTHOR(S):

Karen L. Keeley/EPA

ADDRESSEE(S):

Lori G. Cohen/EPA

DESCRIPTION:

Memorandum regarding EPA's strategy for implementing non-time-critical removal actions at two early action areas (Slip 4 and Malarkey) within the Lower Duwamish Waterway site.

4. 1. 1.. Vol. 1 -

DATE: 2/24/2003

DOC ID: 1151897 IMAGED

PAGES: 2

AUTHOR(S):

Karen L. Keeley/EPA

ADDRESSEE(S):

Michael F. Gearheard/EPA

DESCRIPTION:

Memorandum regarding the approach for preparing the Engineering Evaluation/Cost Analysis Approval Memorandum for the proposed non-time-critical removal actions at the Slip 4 and Malarkey Early Action Areas of the Lower Duwamish Waterway site.

4. 1. 1.. Vol. 1 -

DATE: 3/24/2003

DOC ID: 1160319 IMAGED

PAGES: 46

AUTHOR(S):

Allison Hiltner/EPA

ADDRESSEE(S):

D. Michael Johns/Windward Environmental, LLC.

DESCRIPTION:

Letter transmitting EPA and the Washington State Department of Ecology comments on the Revised Draft Data Analysis and Candidate Sites Identification Report, Lower Duwamish Waterway site (copy of the 2/14/03 document with comments attached).

4. 1. 1.. Vol. 1 -

DATE: 3/24/2003

DOC ID: 1163053 IMAGED

PAGES: 4

AUTHOR(S):

B. J. Cummings/Duwamish River Cleanup Coalition

ADDRESSEE(S):

Jackson L. Fox/EPA

DESCRIPTION:

Letter commenting on the lack of a public comment and review period for AOCs and SOWs related to Early Action cleanups proposed for the Slip 4 and Malarkey Asphalt sites.

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

4. 1. 1.. Vol. 1 - DOC ID: 1201921 IMAGED
DATE: 5/13/2003 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Steven Tochko/The Boeing Company Lori G. Cohen/EPA

DESCRIPTION: Letter setting forth Boeing's views on plans for the Slip 4 and Malarkey early action areas.

4. 1. 1.. Vol. 1 - DOC ID: 1163256 IMAGED
DATE: 6/12/2003 PAGES: 4
AUTHOR(S): ADDRESSEE(S):
Rick Huey/Washington State Dept. of Ecology D. Michael Johns/Windward Environmental, LLC.

Allison Hiltner/EPA

DESCRIPTION: Letter providing conditional approval of the Task 5: Identification of Candidate Sites for Early Action Technical Memorandum, dated 5/27/03.

SUB-HEAD: 4. 1. 2.. Vol. 1 - Notes/Email

4. 1. 2.. Vol. 1 - 1123587 DOC ID: 1123587 IMAGED
DATE: 6/28/2001 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Allison Hiltner/EPA Greg Baker/NOAA

Frances E. Coffey/U. S. Army Corps of Engineers

Cindy Colgate/EPA

David Powell/EPA

Randy Carman/Washington State Dept. of Fish and Wildlife

DESCRIPTION: Email transmitting a copy of the Lower Duwamish Waterway Group's proposed Prioritization Methodology for Early Action Sites for review (with handwritten note - less attachment).

Email addressed to a total of 27 recipients.

4. 1. 2.. Vol. 1 - DOC ID: 1151314 IMAGED
DATE: 6/28/2001 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Allison Hiltner/EPA B. J. Cummings/Duwamish River Cleanup Coalition

Glen St. Amant/Muckleshoot Indian Tribe

David Powell/EPA

Cindy Colgate/EPA

Frances E. Coffey/U. S. Army Corps of Engineers

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

DESCRIPTION:

Email transmitting the Lower Duwamish Waterway Group's proposed Prioritization Methodology for Early Action Sites for review - less attachment (total of 28 addressees).

4. 1. 2.. Vol. 1 - DOC ID: 1146882 IMAGED
DATE: 7/19/2001 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Glen St. Amant/Muckleshoot Indian Tribe Allison Hiltner/EPA

DESCRIPTION:

Email commenting on the Lower Duwamish Waterway Group's Task 3: Study Design for Scoping-Phase Risk Assessments - Technical Memorandum: Risk - Based Sediment Site Prioritization Methodology.

4. 1. 2.. Vol. 1 - DOC ID: 1146883 IMAGED
DATE: 7/25/2001 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Rick Huey/Washington State Dept. of Ecology Allison Hiltner/EPA

DESCRIPTION:

Email commenting on the Lower Duwamish Waterway Group's Task 3: Study Design for Scoping-Phase Risk Assessments - Technical Memorandum: Risk - Based Sediment Site Prioritization Methodology.

4. 1. 2.. Vol. 1 - DOC ID: 1146884 IMAGED
DATE: 7/30/2001 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Bradley Helland/Washington State Dept. of Ecology Allison Hiltner/EPA

DESCRIPTION:

Email commenting on the Lower Duwamish Waterway Group's Task 3: Study Design for Scoping-Phase Risk Assessments - Technical Memorandum: Risk - Based Sediment Site Prioritization Methodology.

4. 1. 2.. Vol. 1 - DOC ID: 1146885 IMAGED
DATE: 10/31/2001 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Allison Hiltner/EPA Cindy Colgate/EPA

Frances E. Coffey/U. S. Army Corps of Engineers
B. J. Cummings/Puget Soundkeeper Alliance
Alison O'Sullivan/Suquamish Tribal Fisheries Dept.
Brenda Bachman/U. S. Army Corps of Engineers

DESCRIPTION:

Email transmitting a schedule of future Lower Duwamish deliverables (total of 30 addressees).

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

4. 1. 2.. Vol. 1 - DOC ID: 1146886 IMAGED
DATE: 11/8/2001 PAGES: 1
AUTHOR(S):
Allison Hiltner/EPA ADDRESSEE(S):
Cindy Colgate/EPA

Brenda Bachman/U. S. Army Corps of Engineers

Alison O'Sullivan/Suquamish Tribal Fisheries Dept.

B. J. Cummings/Puget Soundkeeper Alliance

Frances E. Coffey/U. S. Army Corps of Engineers

DESCRIPTION: Email transmitting the Lower Duwamish Group's response to comments on the Site Prioritization Methodology, a copy of the Site Prioritization Methodology, and the Description of Candidate Site Selection Criteria, less attachments (total of 28 addressees).

4. 1. 2.. Vol. 1 - DOC ID: 1146887 IMAGED
DATE: 11/27/2001 PAGES: 2
AUTHOR(S): Rick Huey/Washington State Dept. of Ecology ADDRESSEE(S):
Allison Hiltner/EPA

DESCRIPTION: Email providing comments on the Task 5 memorandum, and Ecological Risk Assessment response to comments.

4. 1. 2.. Vol. 1 - DOC ID: 1146888 IMAGED
DATE: 12/3/2001 PAGES: 1
AUTHOR(S): Allison Hiltner/EPA ADDRESSEE(S):
Ted R. Turk/Science Applications International Corporation
Bruce Duncan/EPA

Rick Huey/Washington State Dept. of Ecology

DESCRIPTION: Email transmitting the draft Early Action comment letter (less attachment).

4. 1. 2.. Vol. 1 - DOC ID: 1146889 IMAGED
DATE: 4/1/2002 PAGES: 1
AUTHOR(S): Allison Hiltner/EPA ADDRESSEE(S):
Skip Fox/The Boeing Company

Jeff Stern/King County

Douglas A. Hotchkiss/Port of Seattle

Tad Deshler/Windward Environmental, LLC.

Jennie Goldberg/City of Seattle

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

DESCRIPTION:

Email transmitting revisions to the Task 5 Technical Memorandum dated 3/29/02, less attachment (total of 7 addressees).

4. 1. 2.. Vol. 1 -

DATE: 6/7/2002

DOC ID: 1151312 IMAGED

PAGES: 1

AUTHOR(S):

Allison Hiltner/EPA

ADDRESSEE(S):

Ted R. Turk/Science Applications International Corporation

Ravi N. Sanga/EPA

Erika Hoffman/EPA

Lon Kissinger/EPA

Bruce Duncan/EPA

DESCRIPTION:

Email regarding proposed meetings with the Lower Duwamish Waterway Group (LDWG) to be held on 6/19/02 and 6/26/02 (total of 7 addressees).

4. 1. 2.. Vol. 1 -

DATE: 6/11/2002

DOC ID: 1151313 IMAGED

PAGES: 1

AUTHOR(S):

Allison Hiltner/EPA

ADDRESSEE(S):

D. Michael Johns/Windward Environmental, LLC.

Jeff Stern/King County

Skip Fox/The Boeing Company

Douglas A. Hotchkiss/Port of Seattle

Jennie Goldberg/City of Seattle

DESCRIPTION:

Email regarding plans for a 8/6/02 meeting regarding the Phase 1 RI and Early Action Site ID memo (total of 11 addressees).

4. 1. 2.. Vol. 1 -

DATE: 6/24/2002

DOC ID: 1151315 IMAGED

PAGES: 1

AUTHOR(S):

Allison Hiltner/EPA

ADDRESSEE(S):

Jeff Stern/King County

Jennie Goldberg/City of Seattle

D. Michael Johns/Windward Environmental, LLC.

Douglas A. Hotchkiss/Port of Seattle

Skip Fox/The Boeing Company

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

DESCRIPTION:

Email transmitting the EPA's approval letter for the Task 5 - Description of Candidate Site Selection Criteria memo - less attachment (total of 8 addressees).

4. 1. 2.. Vol. 1 -

DATE: 6/24/2002

DOC ID: 1151316 IMAGED

PAGES: 1

AUTHOR(S):

Allison Hiltner/EPA

ADDRESSEE(S):

Cindy Colgate/EPA

B. J. Cummings/Puget Soundkeeper Alliance

David Powell/EPA

Alison O'Sullivan/Suquamish Tribal Fisheries Dept.

Frances E. Coffey/U. S. Army Corps of Engineers

DESCRIPTION:

Email transmitting the Lower Duwamish Waterway Group's final Task 5: Identification of Candidate Sites for Early Actions - Technical Memorandum - Description of Candidate Site Selection Criteria, and the EPA's approval letter (less attachments).

(total of 32 addressees).

4. 1. 2.. Vol. 1 -

DATE: 8/1/2002

DOC ID: 1151317 IMAGED

PAGES: 2

AUTHOR(S):

Allison Hiltner/EPA

ADDRESSEE(S):

Alison O'Sullivan/Suquamish Tribal Fisheries Dept.

David Powell/EPA

B. J. Cummings/Puget Soundkeeper Alliance

Cindy Colgate/EPA

Frances E. Coffey/U. S. Army Corps of Engineers

DESCRIPTION:

Email transmitting the Lower Duwamish Waterway Group's draft Identification fo Candidate Early Action Sites memorandum for review - less attachment (total of 34 addressees).

4. 1. 2.. Vol. 1 -

DATE: 11/27/2002

DOC ID: 1163054 IMAGED

PAGES: 1

AUTHOR(S):

Karen L. Keeley/EPA

ADDRESSEE(S):

Allison Hiltner/EPA

Ravi N. Sanga/EPA

DESCRIPTION:

Email regarding the Community Relations Plan for Lower Duwamish early actions.

4. 1. 2.. Vol. 1 -

DATE: 12/9/2002

DOC ID: 1163056 IMAGED

PAGES: 1

AUTHOR(S):

ADDRESSEE(S):

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

Lon Kissinger/EPA

Karen L. Keeley/EPA

DESCRIPTION: Figures showing Malarkey and Slip 4 span area diagrams.

4. 1. 2.. Vol. 1 - DOC ID: 1201946 IMAGED
DATE: 1/2/2003 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Karen L. Keeley/EPA Glen St. Amant/Muckleshoot Indian Tribe

Rick Huey/Washington State Dept. of Ecology

Jeff Krausmann/U. S. Fish and Wildlife Service

Alison O'Sullivan/Suquamish Tribal Fisheries Dept.

B. J. Cummings/Puget Soundkeeper Alliance

DESCRIPTION: Email announcing project managers for Slip 4 and Malarkey Asphalt (four additional addressees).

4. 1. 2.. Vol. 1 - DOC ID: 1163057 IMAGED
DATE: 1/3/2003 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Allison Hiltner/EPA Alison O'Sullivan/Suquamish Tribal Fisheries Dept.

Frances E. Coffey/U. S. Army Corps of Engineers

David Powell/EPA

Cindy Schuster/EPA

B. J. Cummings/Puget Soundkeeper Alliance

DESCRIPTION: Email regarding a 1/9/03 meeting about Lower Duwamish early action site identification and transmitting a meeting agenda (less attachment).

Total of 26 addressees.

4. 1. 2.. Vol. 1 - DOC ID: 1151899 IMAGED
DATE: 1/10/2003 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Craig E. Thompson/Washington State Dept. of Ecology Karen L. Keeley/EPA

DESCRIPTION: Email notification that C. Thompson is the Washington State Department of Ecology representative as State Trustee for work performed near the Duwamish River.

4. 1. 2.. Vol. 1 - DOC ID: 1163058 IMAGED
DATE: 1/28/2003 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Karen L. Keeley/EPA B. J. Cummings/Environmental Writing & Consulting Services

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

DESCRIPTION:

Email transmitting internet address links for on-line EPA Superfund guidance for non-time-critical removal actions (less attachment).

4. 1. 2.. Vol. 1 -

DATE: 1/29/2003

DOC ID: 1151900 IMAGED

PAGES: 1

AUTHOR(S):

Karen L. Keeley/EPA

ADDRESSEE(S):

Lori G. Cohen/EPA

Cindy Schuster/EPA

Allison Hiltner/EPA

Ravi N. Sanga/EPA

DESCRIPTION:

Email discussing the EPA's Internal/External communication strategy for Lower Duwamish Waterway early action.

4. 1. 2.. Vol. 1 -

DATE: 1/30/2003

DOC ID: 1151901 IMAGED

PAGES: 1

AUTHOR(S):

Karen L. Keeley/EPA

ADDRESSEE(S):

Kristine A. Flint/EPA

Grechen F. Schmidt/EPA

Allison Hiltner/EPA

Ravi N. Sanga/EPA

Lori G. Cohen/EPA

DESCRIPTION:

Email transmitting a copy of the 1/30/03 Final Early Action Strategy for Slip 4 and Malarkey non-time-critical removal actions (less attachment).

Total of 13 addressees.

4. 1. 2.. Vol. 1 -

DATE: 3/25/2003

DOC ID: 1163059 IMAGED

PAGES: 2

AUTHOR(S):

Allison Hiltner/EPA

ADDRESSEE(S):

Karen L. Keeley/EPA

Ravi N. Sanga/EPA

DESCRIPTION:

Email forwarding a list of questions from Linda Carleton and the South Park Business Association Board in advance of a 3/26/03 meeting.

4. 1. 2.. Vol. 1 -

DATE: 4/25/2003

DOC ID: 1201947 IMAGED

PAGES: 1

AUTHOR(S):

Lori G. Cohen/EPA

ADDRESSEE(S):

Don Theiler/King County Dept. of Natural Resources

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

Lori G. Cohen/EPA

Martin Baker/City of Seattle

Nancy Ahern/City of Seattle Public Utilities

Wayne Grotheer/Port of Seattle

Steven Tochko/The Boeing Company

DESCRIPTION: Email regarding early action work for Slip 4 and Malarkey (two additional addressees).

4. 1. 2.. Vol. 1 - DOC ID: 1201925 IMAGED
DATE: 9/16/2003 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Lori G. Cohen/EPA Martin Baker/City of Seattle

Steven Tochko/The Boeing Company

Wayne Grotheer/Port of Seattle

Nancy Ahern/City of Seattle Public Utilities

Don Theiler/King County Dept. of Natural Resources

DESCRIPTION: Email advising of EPA's and Dept. of Ecology's decision not to accept the Boeing 8/21/03 Proposed Memorandum of Agreement to address the Early Action Areas of the Lower Duwamish Waterway Site (six additional addressees).

4. 1. 2.. Vol. 1 - DOC ID: 1201924 IMAGED
DATE: 3/3/2004 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Robert B. Wilson/EPA Karen L. Keeley/EPA

DESCRIPTION: Email confirming replacement of Ginna Grepog Grove by Bruce Woods as QA officer for Terminal 117 and Slip 4 sites.

SUB-HEAD: 4. 1. 3.. Vol. 1 - Meeting Agendas/Notes

4. 1. 3.. Vol. 1 - DOC ID: 1163258 IMAGED
DATE: 12/10/2002 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Lower Duwamish Waterway Group Unknown

DESCRIPTION: Meeting agenda for a 12/10/02 meeting on agency comments on the Lower Duwamish Waterway Candidate Site Memorandum.

4. 1. 3.. Vol. 1 - DOC ID: 1151902 IMAGED
DATE: 1/9/2003 PAGES: 1
AUTHOR(S): ADDRESSEE(S):

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

Unknown

Unknown

DESCRIPTION: Meeting agenda for a Duwamish Early Action Sites workshop.

4. 1. 3.. Vol. 1 - DOC ID: 1151903 IMAGED
DATE: 1/9/2003 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Karen L. Keeley/EPA Unknown

DESCRIPTION: Notes from a 1/9/03 Lower Duwamish Waterway external stakeholder meeting.

4. 1. 3.. Vol. 1 - DOC ID: 1151905 IMAGED
DATE: 2/13/2003 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Kristine A. Flint/EPA Rick Huey/Washington State Dept. of Ecology

DESCRIPTION: Email transmitting a revised agenda for a Lower Duwamish Source Control Core Work Group meeting.

SUB-HEAD: 4. 1. 4.. Vol. 1 - Deliverables

4. 1. 4.. Vol. 1 - 1123565 DOC ID: 1123565 IMAGED
DATE: 6/26/2001 PAGES: 13
AUTHOR(S): ADDRESSEE(S):
Lower Duwamish Waterway Group Washington State Dept. of Ecology

Windward Environmental, LLC. EPA

Lower Duwamish Waterway Group

Windward Environmental, LLC. Washington State Dept. of Ecology

DESCRIPTION: Lower Duwamish Waterway Group, Task 3: Study Design for Scoping - Phase Risk Assessments - Technical Memorandum, Risk - Based Sediment Site Prioritization Methodology.

4. 1. 4.. Vol. 1 - DOC ID: 1151727 IMAGED
DATE: 6/19/2002 PAGES: 20
AUTHOR(S): ADDRESSEE(S):
Windward Environmental, LLC. EPA

Washington State Dept. of Ecology

DESCRIPTION: Task 5: Identification of Candidate Sites for Early Actions - Technical Memorandum: Description of Candidate Site Selection Criteria.

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

4. 1. 4.. Vol. 1 - DOC ID: 1151065 IMAGED
DATE: 7/31/2002 PAGES: 61
AUTHOR(S): Windward Environmental, LLC. ADDRESSEE(S):
Washington State Dept. of Ecology
EPA

DESCRIPTION: Task 5: Draft Identification of Candidate Sites for Early Remedial Action, Technical Memorandum: Data Analysis and Candidate Site Identification.

SUB-HEAD: 4. 1. 5.. Vol. 1 - Identification of Early Action Sites

SUB-HEAD: 4. 1. 6.. Vol. 1 - Identification of Candidate Technologies

4. 1. 6.. Vol. 1 - DOC ID: 1200970 IMAGED
DATE: 2/7/2005 PAGES: 177
AUTHOR(S): RETEC Group, Inc. ADDRESSEE(S):
EPA
Washington State Dept. of Ecology

DESCRIPTION: Draft Identification of Candidate Technologies for the Lower Duwamish Waterway.

SUB-HEAD: 4. 3... Vol. 1 - Terminal 117 Removal

SUB-HEAD: 4. 3. 1.. Vol. 1 - Correspondence

4. 3. 1.. Vol. 1 - DOC ID: 1187643 IMAGED
DATE: 3/17/2003 PAGES: 2
AUTHOR(S): Ravi N. Sanga/EPA ADDRESSEE(S):
File

DESCRIPTION: Memo re Initial Cost Estimate for a Non-Time-Critical Removal Action at the Malarkey Early Action Area for Use in Determining Headquarters Consultation Requirements (referenced supplemental guidance is not attached).

4. 3. 1.. Vol. 1 - DOC ID: 1160884 IMAGED
DATE: 5/8/2003 PAGES: 1
AUTHOR(S): Wayne Grotheer/Port of Seattle ADDRESSEE(S):
Lori G. Cohen/EPA

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

DESCRIPTION:

Letter regarding the designation of Doug Hotchkiss as the T-117/Malarkey Early Action Area project coordinator.

4. 3. 1.. Vol. 1 - DOC ID: 1201921 IMAGED
DATE: 5/13/2003 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Steven Tochko/The Boeing Company Lori G. Cohen/EPA

DESCRIPTION:

Letter setting forth Boeing's views on plans for the Slip 4 and Malarkey early action areas.

4. 3. 1.. Vol. 1 - DOC ID: 1187052 IMAGED
DATE: 5/16/2003 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Lori G. Cohen/EPA Steven Tochko/The Boeing Company

DESCRIPTION:

Letter discussing the 5/13/03 letter in which Boeing chose not to participate in early action assessments under the existing Remedial Investigation/Feasibility Study Administrative Order on Consent (R/FS AOC).

4. 3. 1.. Vol. 1 - DOC ID: 1160885 IMAGED
DATE: 5/19/2003 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Wayne Grotheer/Port of Seattle Lori G. Cohen/EPA

DESCRIPTION:

Correspondence transmitting information regarding the Terminal 117 Early Action Area in response to a letter dated 5/2/03 (less attachment).

4. 3. 1.. Vol. 1 - DOC ID: 1160886 IMAGED
DATE: 5/22/2003 PAGES: 16
AUTHOR(S): ADDRESSEE(S):
Ravi N. Sanga/EPA Douglas A. Hotchkiss/Port of Seattle

DESCRIPTION:

Letter transmitting handwritten comments for the draft Work Plan for Investigation Tasks dated 5/19/03.

4. 3. 1.. Vol. 1 - DOC ID: 1163045 IMAGED
DATE: 5/29/2003 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Ravi N. Sanga/EPA Douglas A. Hotchkiss/Port of Seattle

DESCRIPTION:

Letter of approval for the final Work Plan for Investigation Tasks for the Terminal 117 (Malarkey) Early Action Area.

4. 3. 1.. Vol. 1 - DOC ID: 1163794 IMAGED
DATE: 8/1/2003 PAGES: 13
AUTHOR(S): ADDRESSEE(S):

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

Ravi N. Sanga/EPA

Douglas A. Hotchkiss/Port of Seattle

DESCRIPTION:

Letter transmitting EPA comments on the Draft Task 1 Summary of Existing Information and Data Needs Analysis Report for the Terminal 117 Early Action Area.

Document date is estimated.

4. 3. 1.. Vol. 1 - DOC ID: 1175034 IMAGED

DATE: 8/19/2003 PAGES: 1

AUTHOR(S):

Douglas A. Hotchkiss/Port of Seattle

ADDRESSEE(S):

Ravi N. Sanga/EPA

DESCRIPTION:

Letter requesting a due date extension for the Task 1 Summary of Existing Information and Data Gaps Analysis Report.

4. 3. 1.. Vol. 1 - DOC ID: 1178490 IMAGED

DATE: 9/4/2003 PAGES: 9

AUTHOR(S):

Ravi N. Sanga/EPA

ADDRESSEE(S):

Douglas A. Hotchkiss/Port of Seattle

DESCRIPTION:

Letter providing comments on the draft Quality Assurance Project Plan for the Terminal 117 Early Action Area of the Lower Duwamish Waterway Superfund Site.

4. 3. 1.. Vol. 1 - DOC ID: 1201362 IMAGED

DATE: 9/5/2003 PAGES: 5

AUTHOR(S):

Ravi N. Sanga/EPA

ADDRESSEE(S):

Douglas A. Hotchkiss/Port of Seattle

DESCRIPTION:

EPA review of draft final version of the Terminal 117 Early Action Area, Task 1 Report, and recommendations for additional groundwater sampling.

4. 3. 1.. Vol. 1 - DOC ID: 1178624 IMAGED

DATE: 10/1/2003 PAGES: 1

AUTHOR(S):

Ravi N. Sanga/EPA

ADDRESSEE(S):

Douglas A. Hotchkiss/Port of Seattle

DESCRIPTION:

Letter of approval for the Task 1 Summary of Existing Information and Data Gaps Report for the Terminal 117 Early Action Area (T-117).

4. 3. 1.. Vol. 1 - DOC ID: 1185032 IMAGED

DATE: 11/25/2003 PAGES: 27

AUTHOR(S):

Lisa Saban/Windward Environmental, LLC.

ADDRESSEE(S):

Ravi N. Sanga/EPA

Joanna Florer/Windward Environmental, LLC.

DESCRIPTION:

Memorandum providing response to EPA comments, T-117 Draft QAPP.

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

4. 3. 1.. Vol. 1 - DOC ID: 1185029 IMAGED
DATE: 12/1/2003 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Ravi N. Sanga/EPA Douglas A. Hotchkiss/Port of Seattle

DESCRIPTION: Partial Approval of Terminal 117 Sampling Plan-Soil Boring and Well Installation.

4. 3. 1.. Vol. 1 - DOC ID: 1185028 IMAGED
DATE: 12/3/2003 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Ravi N. Sanga/EPA Douglas A. Hotchkiss/Port of Seattle

DESCRIPTION: Approval of the Terminal 117 Quality Assurance Project Plan (date estimated).

4. 3. 1.. Vol. 1 - DOC ID: 1201363 IMAGED
DATE: 12/10/2003 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Ravi N. Sanga/EPA Duwamish Stakeholder

DESCRIPTION: Letter transmitting the final Terminal 117 Early Action Area Quality Assurance Project Plan (less attachment).

4. 3. 1.. Vol. 1 - DOC ID: 1185031 IMAGED
DATE: 1/8/2004 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Ravi N. Sanga/EPA File

DESCRIPTION: Memorandum regarding Determination of No Effect on listed species under the Endangered Species Act during Sediment Sampling in the Duwamish Waterway, King County for the Terminal 117 (T-117) Early Action Area.

4. 3. 1.. Vol. 1 - DOC ID: 1185454 IMAGED
DATE: 2/25/2004 PAGES: 5
AUTHOR(S): ADDRESSEE(S):
Ravi N. Sanga/EPA Douglas A. Hotchkiss/Port of Seattle

DESCRIPTION: Letter providing EPA comments on the T-117 Sediment Field Sampling Cruise and Data Report Draft - T-117 Early Action Area, LDW Site, Seattle WA.

4. 3. 1.. Vol. 1 - DOC ID: 1201262 IMAGED
DATE: 4/27/2004 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Ravi N. Sanga/EPA Douglas A. Hotchkiss/Port of Seattle

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

DESCRIPTION:

Request for an Engineering Evaluation/Cost Analysis (EE/CA) for the Terminal 117 Early Action Area Under the Lower Duwamish Waterway Remedial Investigation and Feasibility Study Administrative Order on Consent.

4. 3. 1.. Vol. 1 - DOC ID: 1201724 IMAGED
DATE: 4/30/2004 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Douglas A. Hotchkiss/Port of Seattle Ravi N. Sanga/EPA

DESCRIPTION:

Response to request for an Engineering Evaluation/Cost Analysis (EE/CA) for the Terminal 117/Marlarkey Early Action under the Lower Duwamish Water Superfund Site Administrative Order on Consent for RI/FS.

4. 3. 1.. Vol. 1 - DOC ID: 1188158 IMAGED
DATE: 6/8/2004 PAGES: 3
AUTHOR(S): ADDRESSEE(S):
Ravi N. Sanga/EPA Douglas A. Hotchkiss/Port of Seattle

DESCRIPTION:

Letter approving the T-117 Quality Assurance Project Plan Addendum - Surface Sediment T-117 Early Action Area, Lower Duwamish Waterway Superfund Site.

4. 3. 1.. Vol. 1 - DOC ID: 1188159 IMAGED
DATE: 6/14/2004 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Lori G. Cohen/EPA Wayne Grotheer/Port of Seattle
Nancy Glaser/Seattle City Light

DESCRIPTION:

Letter transmitting proposed Administrative Order on Consent and Statement of Work for non-time-critical removal action for the Terminal 117 Early Action Area of the Lower Duwamish Waterway Superfund Site (less attachments).

4. 3. 1.. Vol. 1 - DOC ID: 1188160 IMAGED
DATE: 8/5/2004 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Ravi N. Sanga/EPA Douglas A. Hotchkiss/Port of Seattle

DESCRIPTION:

Terminal 117 EE/CA Workplan Approval.

4. 3. 1.. Vol. 1 - DOC ID: 1195187 IMAGED
DATE: 9/14/2004 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Ravi N. Sanga/EPA Douglas A. Hotchkiss/Port of Seattle

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

DESCRIPTION:

Letter approving T-117 Quality Assurance Project Plan Addendum - South Park Marina Sediment Sampling (less attachment).

SUB-HEAD: 4. 3. 2.. Vol. 1 -

Notes/Email

4. 3. 2.. Vol. 1 -

DATE: 3/1/2004

DOC ID: 1188161

PAGES: 2

IMAGED

AUTHOR(S):

Karen L. Keeley/EPA

ADDRESSEE(S):

Rick Huey/Washington State Dept. of Ecology

Daniel R. Cargill/Washington State Dept. of Ecology

Kristine A. Flint/EPA

DESCRIPTION:

Email re preliminary results from T-117.

4. 3. 2.. Vol. 1 -

DATE: 3/3/2004

DOC ID: 1201924

PAGES: 1

IMAGED

AUTHOR(S):

Robert B. Wilson/EPA

ADDRESSEE(S):

Karen L. Keeley/EPA

DESCRIPTION:

Email confirming replacement of Ginna Grepo-Grove by Bruce Woods as QA officer for Terminal 117 and Slip 4 sites.

4. 3. 2.. Vol. 1 -

DATE: 3/11/2004

DOC ID: 1201364

PAGES: 1

IMAGED

AUTHOR(S):

Karen L. Keeley/EPA

ADDRESSEE(S):

Tad Deshler/Windward Environmental, LLC.

DESCRIPTION:

Email transmitting the final Terminal 117 Early Action Area Quality Assurance Project Plan Addendum (less attachment).

4. 3. 2.. Vol. 1 -

DATE: 5/27/2004

DOC ID: 1188162

PAGES: 1

IMAGED

AUTHOR(S):

Karen L. Keeley/EPA

ADDRESSEE(S):

Douglas A. Hotchkiss/Port of Seattle

DESCRIPTION:

Email re EPA approval of T-117 QAPP Addendum 2 for supplemental sampling locations.

4. 3. 2.. Vol. 1 -

DATE: 6/7/2004

DOC ID: 1187648

PAGES: 1

IMAGED

AUTHOR(S):

Tad Deshler/Windward Environmental, LLC.

ADDRESSEE(S):

Ravi N. Sanga/EPA

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

DESCRIPTION:

Email indicating a willingness to analyze additional archived Terminal 117 subsurface sediment samples.

4. 3. 2.. Vol. 1 - DOC ID: 1188163 IMAGED
DATE: 7/15/2004 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Tad Deshler/Windward Environmental, LLC. Bradley Helland/Washington State Dept. of Ecology

Karen L. Keeley/EPA

Ravi N. Sanga/EPA

Kymberly C. Takasaki/U. S. Army Corps of Engineers
Rick Huey/Washington State Dept. of Ecology

Allison Hiltner/EPA

DESCRIPTION:

Email transmitting draft final EE/CA workplan for T-117 (less attachment).

4. 3. 2.. Vol. 1 - DOC ID: 1188164 IMAGED
DATE: 8/3/2004 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Bradley Helland/Washington State Dept. of Ecology Rick Huey/Washington State Dept. of Ecology

Ravi N. Sanga/EPA

DESCRIPTION:

Email re draft final EE/CA workplan for T-117.

4. 3. 2.. Vol. 1 - DOC ID: 1195188 IMAGED
DATE: 9/14/2004 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Stephanie K. Stirling/U. S. Army Corps of Engineers Ravi N. Sanga/EPA

Lisa Saban/Windward Environmental, LLC.

Douglas A. Hotchkiss/Port of Seattle

Joanna Florer/Windward Environmental, LLC.

DESCRIPTION:

Revised South Park Marina SAP approval.

4. 3. 2.. Vol. 1 - DOC ID: 1195189 IMAGED
DATE: 9/17/2004 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Stephanie K. Stirling/U. S. Army Corps of Engineers Ravi N. Sanga/EPA

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

DESCRIPTION:

Email re revised South Park Marina SAP approval.

4. 3. 2.. Vol. 1 - DOC ID: 1203645 IMAGED
 DATE: 12/7/2004 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
 Tad Deshler/Windward Environmental, LLC. Ravi N. Sanga/EPA

 Rick Huey/Washington State Dept. of Ecology

 Allison Hiltner/EPA

 Kymberly C. Takasaki/U. S. Army Corps of
 Engineers
 Kristine A. Flint/EPA

DESCRIPTION:

Email re water/sediment rehandling at T117 (additional addressees).

4. 3. 2.. Vol. 1 - DOC ID: 1208037 IMAGED
 DATE: 3/4/2005 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
 Lisa Saban/Windward Environmental, LLC. Ravi N. Sanga/EPA

DESCRIPTION:

Email submitting the revised T-117 EE/CA.

SUB-HEAD: 4. 3. 3.. Vol. 1 - Meeting Materials

4. 3. 3.. Vol. 1 - DOC ID: 1187053 IMAGED
 DATE: 4/1/2004 PAGES: 19
AUTHOR(S): ADDRESSEE(S):
 Ravi N. Sanga/EPA Unknown

DESCRIPTION:

Terminal 117 (T-117) Early Action Area (EAA) of the Lower Duwamish Waterway: Preliminary EAA Boundary Milestone Briefing (date is approximate).

4. 3. 3.. Vol. 1 - DOC ID: 1187054 IMAGED
 DATE: 5/10/2004 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
 Unknown Unknown

DESCRIPTION:

Lower Duwamish Waterway Terminal 117 Meeting Sign-In Sheet.

4. 3. 3.. Vol. 1 - DOC ID: 1200971 IMAGED
 DATE: 2/1/2005 PAGES: 13
AUTHOR(S): ADDRESSEE(S):
 Ravi N. Sanga/EPA Lower Duwamish Waterway Stakeholder

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

DESCRIPTION: Terminal 117 (T-117) Early Action Area of the Lower Duwamish Waterway: Stakeholder Milestone Briefing.

4. 3. 3.. Vol. 1 - DOC ID: 1200972 IMAGED
DATE: 2/1/2005 PAGES: 50
AUTHOR(S): Paul F. Fuglevand/Dalton Olmsted & Fuglevand, Inc. ADDRESSEE(S): Lower Duwamish Waterway Stakeholder
Ravi N. Sanga/EPA

DESCRIPTION: Terminal 117 Engineering Evaluation/Cost Analysis (presentation materials).

4. 3. 3.. Vol. 1 - DOC ID: 1200698 IMAGED
DATE: 2/14/2005 PAGES: 1
AUTHOR(S): Unknown ADDRESSEE(S): Unknown

DESCRIPTION: Lower Duwamish Waterway Site Terminal 117 Meeting Sign-In Sheet.

SUB-HEAD: 4. 3. 4.. Vol. 1 - Decision Documents

4. 3. 4.. Vol. 1 - DOC ID: 1187646 IMAGED
DATE: 7/7/2004 PAGES: 7
AUTHOR(S): Ravi N. Sanga/EPA ADDRESSEE(S): Kathryn M. Davidson/EPA

DESCRIPTION: Letter requesting approval to perform an Engineering Evaluation/Cost Analysis (EE/CA) for the Non-Time-Critical Removal Action at the Terminal 117 Early Action Area (see document No. 1151065 for Attachment A).

4. 3. 4.. Vol. 1 - DOC ID: 1200999 IMAGED
DATE: 3/4/2005 PAGES: 133
AUTHOR(S): Dalton Olmsted & Fuglevand, Inc. ADDRESSEE(S): EPA

Onsite Enterprises, Inc.

Windward Environmental, LLC.

DESCRIPTION: Draft Lower Duwamish Waterway Superfund Site Terminal 117 Early Action Area: Engineering Evaluation/Cost Analysis (EE/CA).

4. 3. 4.. Vol. 1 - DOC ID: 1201000 IMAGED
DATE: 3/4/2005 PAGES: 39
AUTHOR(S): Onsite Enterprises, Inc. ADDRESSEE(S): EPA

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

Windward Environmental, LLC.

EPA

Dalton Olmsted & Fuglevand, Inc.

DESCRIPTION:

Draft Lower Duwamish Waterway Superfund Site Terminal 117 Early Action Area: Engineering Evaluation/Cost Analysis (EE/CA) - Map Folio.

4. 3. 4.. Vol. 1 -

DATE: 3/4/2005

DOC ID: 1208001 IMAGED

PAGES: 64

AUTHOR(S):

Onsite Enterprises, Inc.

ADDRESSEE(S):

EPA

Windward Environmental, LLC.

Dalton Olmsted & Fuglevand, Inc.

DESCRIPTION:

Final Lower Duwamish Waterway Superfund Site Terminal 117 Early Action Area: Soil and Water Field Sampling, Cruise and Data Report.

SUB-HEAD: 4. 3. 4. 1. Vol. 1 - Comments

4. 3. 4. 1. Vol. 1 -

DATE: 2/11/2005

DOC ID: 1200895 IMAGED

PAGES: 10

AUTHOR(S):

Ravi N. Sanga/EPA

ADDRESSEE(S):

Douglas A. Hotchkiss/Port of Seattle

DESCRIPTION:

EPA Comments on the draft T-117 Engineering Evaluation/Cost Analysis.

4. 3. 4. 1. Vol. 1 -

DATE: 2/18/2005

DOC ID: 1200973 IMAGED

PAGES: 5

AUTHOR(S):

Ravi N. Sanga/EPA

ADDRESSEE(S):

Laurie Geissinger/City of Seattle

Douglas A. Hotchkiss/Port of Seattle

Lisa Saban/Windward Environmental, LLC.

DESCRIPTION:

Supplemental Comments on the 1/5/05 Lower Duwamish Waterway Superfund Site, Terminal 117 Early Action Area, Draft Engineering Evaluation/Cost Analysis.

4. 3. 4. 1. Vol. 1 -

DATE: 3/4/2005

DOC ID: 1200974 IMAGED

PAGES: 2

AUTHOR(S):

Ravi N. Sanga/EPA

ADDRESSEE(S):

Douglas A. Hotchkiss/Port of Seattle

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

DESCRIPTION:

Email re clarification of EPA Supplemental Comments #2 and #3 on the 1/5/05 Lower Duwamish Waterway Superfund Site, Terminal 117 Early Action Area, Draft Engineering Evaluation/Cost Analysis.

SUB-HEAD: 4. 3. 5.. Vol. 1 - Work Plans/Sampling Plans/QAPPs

4. 3. 5.. Vol. 1 - DOC ID: 1163046 IMAGED
DATE: 5/29/2003 PAGES: 15
AUTHOR(S): ADDRESSEE(S):
Dalton Olmsted & Fuglevand, Inc. Port of Seattle

Onsite Enterprises, Inc.

Windward Environmental, LLC.

DESCRIPTION:

Final Work Plan for Investigation Tasks for the Terminal 117 (Malarkey) Early Action Area.

4. 3. 5.. Vol. 1 - DOC ID: 1185034 IMAGED
DATE: 12/3/2003 PAGES: 114
AUTHOR(S): ADDRESSEE(S):
Lisa Saban/Windward Environmental, LLC. Ginna Grepo-Grove/EPA

Ravi N. Sanga/EPA

Tad Deshler/Windward Environmental, LLC.

Ginna Grepo-Grove/EPA

DESCRIPTION:

Final T-117 Quality Assurance Project Plan - Lower Duwamish Waterway Superfund Site - Terminal 117 Early Action Area.

4. 3. 5.. Vol. 1 - DOC ID: 1185455 IMAGED
DATE: 3/9/2004 PAGES: 23
AUTHOR(S): ADDRESSEE(S):
Windward Environmental, LLC. EPA

DESCRIPTION:

T-117 Quality Assurance Project Plan Addendum - Sediment and Soil.

4. 3. 5.. Vol. 1 - DOC ID: 1187644 IMAGED
DATE: 6/4/2004 PAGES: 10
AUTHOR(S): ADDRESSEE(S):
Onsite Enterprises, Inc. EPA

Port of Seattle

Dalton, Olmstead & Fluglevand, Inc.

EPA

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

Dalton, Olmstead & Fluglevand, Inc.

Port of Seattle

Windward Environmental, LLC.

EPA

Port of Seattle

DESCRIPTION:

T-117 Quality Assurance Project Plan Addendum - Surface Sediment and Analysis of Archived Sediment Samples.

4. 3. 5.. Vol. 1 - DOC ID: 1195190 IMAGED
 DATE: 9/13/2004 PAGES: 12
AUTHOR(S): ADDRESSEE(S):
 Port of Seattle EPA

Windward Environmental, LLC.

Onsite Enterprises, Inc.

Dalton Olmsted & Fuglevand, Inc.

DESCRIPTION:

T-117 Quality Assurance Project Plan Addendum- South Park Marina Sediment Sampling.

4. 3. 5.. Vol. 1 - DOC ID: 1203094 IMAGED
 DATE: 9/14/2004 PAGES: 24
AUTHOR(S): ADDRESSEE(S):
 Dalton Olmsted & Fuglevand, Inc. EPA

Onsite Enterprises, Inc.

Windward Environmental, LLC.

DESCRIPTION:

Sampling and Analysis Plan Addendum - South Park Marina Sediment Sampling.

SUB-HEAD: 4. 3. 5. 1. Vol. 1 - Comments

4. 3. 5. 1. Vol. 1 - DOC ID: 1188165 IMAGED
 DATE: 5/21/2004 PAGES: 8
AUTHOR(S): ADDRESSEE(S):
 Ravi N. Sanga/EPA Douglas A. Hotchkiss/Port of Seattle

DESCRIPTION:

Comments on Draft T-117 Proposed Boundary Memorandum, Lower Duwamish Waterway Superfund Site.

4. 3. 5. 1. Vol. 1 - DOC ID: 1195191 IMAGED
 DATE: 9/10/2004 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
 Ravi N. Sanga/EPA Lisa Saban/Windward Environmental, LLC.

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Ravi N. Sanga/EPA

Douglas A. Hotchkiss/Port of Seattle

Joanna Florer/Windward Environmental, LLC.

DESCRIPTION: Comments on T117 QAPP Addendum 3.

4. 3. 5. 1. Vol. 1 - DOC ID: 1195192 IMAGED
DATE: 9/13/2004 PAGES: 3
AUTHOR(S): Stephanie K. Stirling/U. S. Army Corps of Engineers ADDRESSEE(S):
Lisa Saban/Windward Environmental, LLC.

DESCRIPTION: Comments on South Park Marina Sampling Plan Addendum.

SUB-HEAD: 4. 3. 6.. Vol. 1 - Reports

4. 3. 6.. Vol. 1 - DOC ID: 1178492 IMAGED
DATE: 9/26/2003 PAGES: 195
AUTHOR(S): Dalton Olmsted & Fuglevand, Inc. ADDRESSEE(S):
EPA

Onsite Enterprises, Inc.

Windward Environmental, LLC.

DESCRIPTION: Final Task 1: Summary of Existing Information and Data Gaps Analysis Report, Lower Duwamish Waterway Superfund Site Terminal 117 Early Action Area.

4. 3. 6.. Vol. 1 - DOC ID: 1201365 IMAGED
DATE: 3/15/2004 PAGES: 3
AUTHOR(S): Kymberly C. Takasaki/U. S. Army Corps of Engineers ADDRESSEE(S):
Unknown

DESCRIPTION: Daily Oversight Report: T117 Site Investigation.

4. 3. 6.. Vol. 1 - DOC ID: 1203095 IMAGED
DATE: 11/12/2004 PAGES: 100
AUTHOR(S): Onsite Enterprises, Inc. ADDRESSEE(S):
EPA

Windward Environmental, LLC.

DESCRIPTION: T-117 Abandoned Utility Corridor - Excavation, Removal and Replacement of Structurally Unsuitable and Contaminated Fill Materials.

SUB-HEAD: 4. 3. 6. 1. Vol. 1 - Comments

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

4. 3. 6. 1. Vol. 1 -	DOC ID: 1188166	IMAGED
DATE: 7/7/2003	PAGES: 1	
AUTHOR(S): Kristine A. Flint/EPA	ADDRESSEE(S): Ravi N. Sanga/EPA	

DESCRIPTION: Comments on Windward 6/27/03 memo on T-117 source control topics and 5/29/03 Final Work Plan for Investigation Tasks.

4. 3. 6. 1. Vol. 1 -	DOC ID: 1201261	IMAGED
DATE: 4/27/2004	PAGES: 3	
AUTHOR(S): Ravi N. Sanga/EPA	ADDRESSEE(S): Douglas A. Hotchkiss/Port of Seattle	

DESCRIPTION: EPA Comments - T-117 Upland Sources Draft Data Report: T-117 Early Action Area.

HEADING: 10. 0... TRIBAL COORDINATION

SUB-HEAD: 10. 1... Vol. 1 - Correspondence

10. 1... Vol. 1 - DOC ID: 1187050 IMAGED
 DATE: 6/2/2004 PAGES: 4
AUTHOR(S): ADDRESSEE(S):
 L. John Iani/EPA Bennie J. Armstrong/Suquamish Tribe

DESCRIPTION: Government-to-Government Communication for Lower Duwamish Waterway National Priorities
List (NPL) Superfund Site.

10. 1... Vol. 1 - DOC ID: 1187051 IMAGED
 DATE: 6/2/2004 PAGES: 4
AUTHOR(S): ADDRESSEE(S):
 L. John Iani/EPA John Daniels/Muckelshoot Indian Tribal Council

DESCRIPTION: Government-to-Government Communication for Lower Duwamish Waterway National Priorities
List (NPL) Superfund Site.

12. 1... Vol. 1 -	DOC ID: 1151911	IMAGED
DATE: 2/7/2003	PAGES: 2	
AUTHOR(S): Lori G. Cohen/EPA	ADDRESSEE(S): Nancy Glaser/Seattle City Light	
	Wayne Grotheer/Port of Seattle	

DESCRIPTION: Letter transmitting a copy of the proposed Administrative Order on Consent (AOC) and attached Statement of Work (SOW) for a non-time-critical removal action for the Malarkey Early Action Area (less attachment).

12. 6...	Vol. 1 -	DOC ID:	1164562	IMAGED
DATE:	4/26/1996	PAGES:	32	
AUTHOR(S):		ADDRESSEE(S):		
LeRoy (Bub) S. Loiselle/EPA		Michael Malarkey/Malarkey Asphalt Company		

DESCRIPTION: Administrative Order on Consent for Removal Action.

12. 6...	Vol. 1 -	1123328	DOC ID:	1123328	IMAGED
DATE:	4/19/2000	PAGES:	46		
AUTHOR(S):				ADDRESSEE(S):	
EPA				Unknown	

DESCRIPTION: Revised Administrative Order on Consent between EPA, Washington State Dept. of Ecology as regulatory agencies and the Port of Seattle, King County, City of Seattle and the Boeing Company, respondents. U.S. EPA, Region 10 Docket No. CERCLA-10-2001-0055.

SUB-HEAD: 12. 8... Vol. 1 - Access Agreements

HEADING: 16. 0... PUBLIC PARTICIPATION

SUB-HEAD: 16. 1... Vol. 1 - Correspondence

SUB-HEAD: 16. 1. 2.. Vol. 1 - Notes/Email

16. 1. 2.. Vol. 1 - DOC ID: 1151909 IMAGED
DATE: 1/30/2003 PAGES: 4
AUTHOR(S): ADDRESSEE(S):
Karen L. Keeley/EPA B. J. Cummings/Puget Soundkeeper Alliance
Alison O'Sullivan/Suquamish Tribal Fisheries Dept.
Glen St. Amant/Muckleshoot Indian Tribe
Jeff Krausmann/U. S. Fish and Wildlife Service
Craig E. Thompson/Washington State Dept. of Ecology

DESCRIPTION: Email regarding communication and coordination for Lower Duwamish Early Actions at Slip 4 and Malarkey.

Total of 6 addressees.

16. 1. 2.. Vol. 1 - DOC ID: 1151910 IMAGED
DATE: 2/11/2003 PAGES: 1
AUTHOR(S): ADDRESSEE(S):
Cindy Schuster/EPA B. J. Cummings/Puget Soundkeeper Alliance

DESCRIPTION: Email transmitting examples of Administrative Orders on Consent and Statements of Work (less attachments).

SUB-HEAD: 16. 2... Vol. 1 - Community Involvement Plan

16. 2... Vol. 1 - DOC ID: 1151432 IMAGED
DATE: 9/1/2002 PAGES: 8
AUTHOR(S): ADDRESSEE(S):
EPA Unknown

DESCRIPTION: Hispanic Community Involvement Supplement.

16. 2... Vol. 1 - DOC ID: 1151433 IMAGED
DATE: 9/1/2002 PAGES: 8
AUTHOR(S): ADDRESSEE(S):

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

EPA

Unknown

DESCRIPTION: Spanish translation of a fact sheet regarding the Hispanic Community Involvement Supplement.

16. 2... Vol. 1 - DOC ID: 1151434 IMAGED
 DATE: 10/1/2002 PAGES: 12
AUTHOR(S): ADDRESSEE(S):
EPA Unknown

DESCRIPTION: Lower Duwamish Waterway Site Community Involvement Plan.

SUB-HEAD: 16. 5... Vol. 1 - Fact Sheets/Press Releases

16. 5... Vol. 1 - DOC ID: 1146843 IMAGED
 DATE: 7/1/2002 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
EPA Unknown

DESCRIPTION: Fact Sheet announcing an 8/6/02 public meeting and the availability of draft reports for comment.

16. 5... Vol. 1 - DOC ID: 1151774 IMAGED
 DATE: 1/1/2003 PAGES: 5
AUTHOR(S): ADDRESSEE(S):
Washington State Dept. of Ecology Unknown

EPA

DESCRIPTION: Fact Sheet responding to questions from the public about the contamination study at the Lower Duwamish Waterway site, and announcing the completed Community Involvement Plan and Hispanic Community Involvement Supplement and a new community location for documents about the site.

16. 5... Vol. 1 - DOC ID: 1200897 IMAGED
 DATE: 1/1/2005 PAGES: 6
AUTHOR(S): ADDRESSEE(S):
Washington State Dept. of Ecology Public

EPA

DESCRIPTION: Update on Lower Duwamish Waterway Superfund Site.

16. 5... Vol. 1 - DOC ID: 1200898 IMAGED
 DATE: 2/1/2005 PAGES: 2
AUTHOR(S): ADDRESSEE(S):
Washington State Dept. of Ecology Public

EPA

(LDMAR) LOWER DUWAMISH WATERWAY - Terminal 117 (Malarkey) Removal AR INDEX

DESCRIPTION: Announcement of 3/15/05 meeting at Concord Elementary re Terminal 117 cleanup.

16. 5... Vol. 1 -	DOC ID: 1208036	IMAGED
DATE: 3/1/2005	PAGES: 4	
AUTHOR(S): EPA	ADDRESSEE(S): Public	

DESCRIPTION: Request for Comments on Lower Duwamish/Terminal 117 Sediment Cleanup Plan.